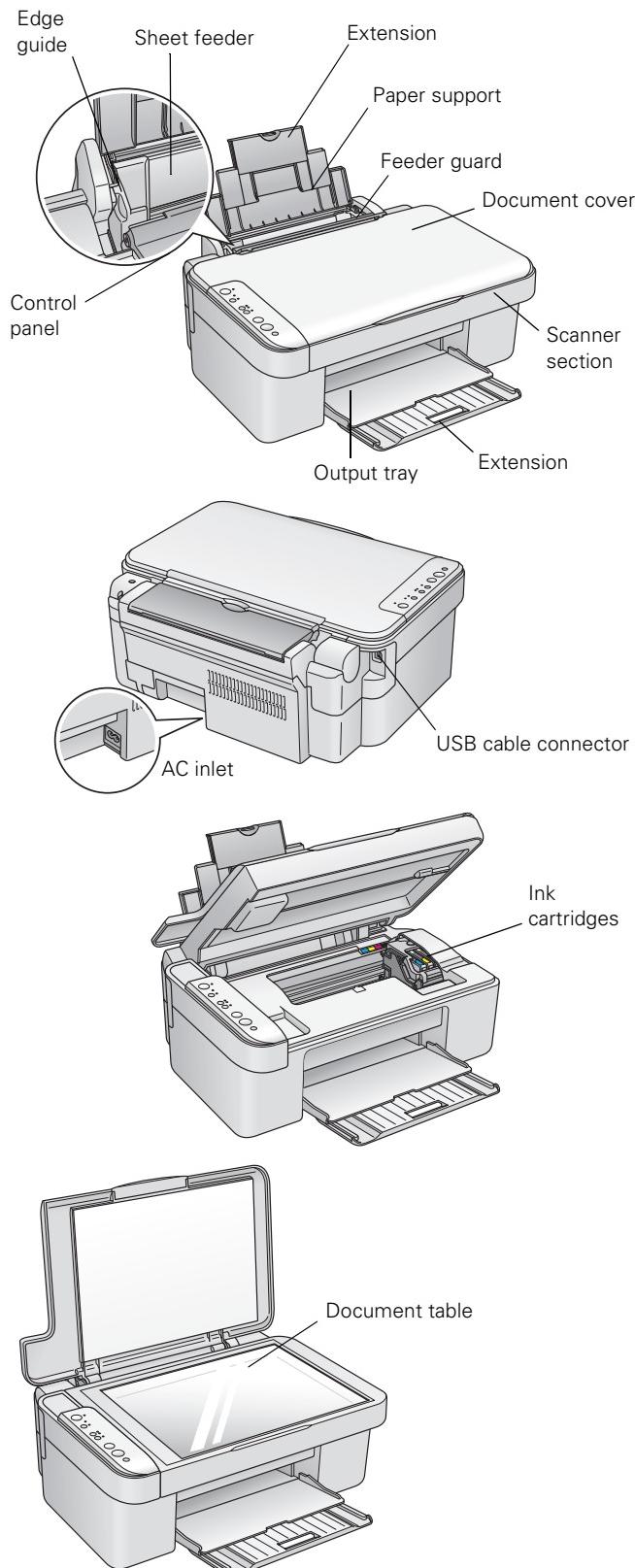


Epson Stylus CX3800 Series Parts



Accessories

Ink Cartridges

Cartridge	Part number
Black ink	T060120
Cyan	T060220
Magenta	T060320
Yellow	T060420

Media

Paper name	Size	Part number
Epson Ultra Premium Glossy Photo Paper	Borderless 4 x 6 inches	S041934
	Letter (8.5 x 11 inches)	S041935
Epson Premium Glossy Photo Paper	Borderless 4 x 6 inches	S041808
	Borderless 5 x 7 inches	S041727
	Borderless 8 x 10 inches	S041464
	Letter (8.5 x 11 inches)	S041286 S041667
Epson Premium Semigloss Photo Paper	Letter (8.5 x 11 inches)	S041331
Epson Glossy Photo Paper	4 x 6 inches	S041134 S041671 S041809
	Letter (8.5 x 11 inches)	S041141 S041649 S041271 S041272
	Borderless 8 x 10 inches	S041467
Epson Matte Paper Heavyweight	Letter (8.5 x 11 inches)	S041257
Epson Double-Sided Matte Paper	Letter (8.5 x 11 inches)	S041568
Epson Premium Bright White Paper	Letter (8.5 x 11 inches)	S041586
Epson Photo Quality Ink Jet Paper	Letter (8.5 x 11 inches)	S041062
	Legal (8.5 x 14 inches)	S041067
	A4 (8.3 x 11.7 inches)	S041061

Specifications

Printing

Printing method On-demand ink jet

Nozzle configuration

Black 90 nozzles

Color Color: 87 nozzles (29 each cartridge: cyan, magenta, yellow)

Print direction	Bidirectional minimum distance printing with logic seeking
Input buffer	64 KB

Ink Cartridges

Color	Cyan, magenta, yellow, black
Cartridge life	6 months at 77 °F (25 °C) after opening the package
Temperature	Storage: -4 to 104 °F (-20 to 40 °C) 1 month at 104 °F (40 °C) Freezing*: 3.2 °F (-16 °C)

*Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C).

To ensure good results, use genuine Epson ink cartridges and do not refill them. Other products may cause damage to your printer not covered by Epson's warranty.

Do not use an ink cartridge if the date on the package has expired.

Paper

This section describes the specifications for single sheets and envelopes.

Note:

Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot guarantee the quality of any non-Epson brand or type of paper. Always test a sample of paper stock before purchasing large quantities or printing large jobs.

Single sheets

Size	A4 (8.3 x 11.7 inches) A5 (5.8 x 8.3 inches) A6 (4.1 x 5.8 inches) Letter (8.5 x 11 inches) Legal (8.5 x 14 inches) Half-letter (5.5 x 8.5 inches) Executive (7.3 x 10.5 inches) 4 x 6 inches 5 x 7 inches 3.5 x 5 inches 8 x 10 inches User Defined up to 8.5 x 44 inches
Paper type	Plain bond paper or special paper distributed by Epson
Thickness	0.003 to 0.005 inch (0.08 to 0.13 mm)
Weight (for plain bond paper)	17 lb (64 g/m ²) to 24 lb (90 g/m ²)

Envelopes

Size	No. 10 (4.1 x 9.5 inches) DL (4.3 x 8.7 inches) C6 (4.5 x 6.4 inches) 132 x 220 mm
Paper type	Plain bond paper
Thickness	0.016 to 0.02 inch (0.40 to 0.52 mm)

Weight 20 lb (75 g/m²) to 24 lb (90 g/m²)

Note:

Poor quality paper may reduce the print quality and cause paper jams or other problems. If you have print quality problems, switch to a higher grade paper.

Do not load curled or folded paper.

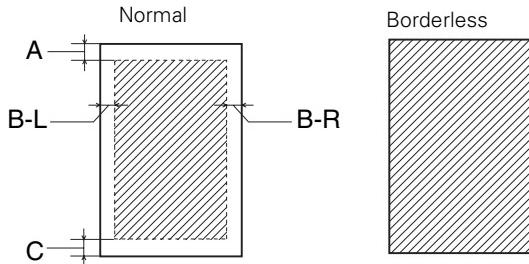
Use paper only under these conditions:

Temperature: 59 to 77 °F (15 to 25 °C)

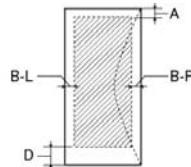
Humidity: 40 to 60% RH

Printable Area

Single sheets or cards



Envelopes



A:	The minimum top margin is 0.12" (3.0 mm).
B-L:	The minimum left margin is 0.12" (3.0 mm).
B-R:	The minimum right margin is 0.12" (3.0 mm).
C:	The minimum bottom margin is 0.12" (3.0 mm).
D	The minimum bottom margin is 0.79" (20 mm) for envelopes.
*	When printing with the borderless feature, print quality may decline in the expanded area. Before printing large jobs using the borderless setting, print a single sheet to confirm quality.

Note:

Always load paper into the sheet feeder with the short edge first. Load envelopes flap edge left with the flap side down.

Scanning

Scanner type	Flatbed color image scanner
Photoelectric device	Color CIS line sensor
Effective pixels	5,100 × 14,040 pixels at 600 dpi, 100%
Document size	Letter (8.5 × 11.0 inches) or A4 (8.5 × 11.7 inches); reading area is selectable with software
Scanning resolution	600 dpi (main), 1200 dpi (sub)
Output resolution	50 to 2400, 7200, and 9600 dpi (50 to 2400 dpi in 1 dpi increments)
Color separation	RGB color filters on CCD
Image data	16 bits per pixel per color internal 1 to 8 bits per pixel per color external
Gamma correction	User defined 2 level
Light source	RGB Three Color LED
Interface	USB 2.0 compatible

Mechanical

Paper feed method	Friction
Paper path	Sheet feeder, top feed
Sheet feeder capacity	Approx. 100 sheets at 17 lb (64 g/m ²)
Dimensions	16.9 × 13.5 × 6.7 inches (W × D × H) 430 × 344 × 170 mm (W × D × H)
Weight	Approx. 25.8 lb (11.7 kg) without the ink cartridges

Electrical

Input voltage range*	90 to 132 V
Rated frequency range	50 to 60 Hz
Rated current	0.4 A (Max 0.7 A)
Power consumption	Approx. 10 W (ISO 10561 Letter Pattern) Approx. 3 W in sleep mode Approx. 0.2 W in power-off mode

* Check the label on the back of this product for voltage information.

Environmental

Temperature	
Operation	50 to 95 °F (10 to 35 °C)
Storage*	– 4 to 104 °F (– 20 to 40 °C) 1 month at 104 °F (40 °C)

Humidity (without condensation)

Operation	20 to 80% RH
Storage*	5 to 85% RH

* Stored in shipping container

USB Interface

Standard	Based on Universal Serial Bus Specifications Revision 2.0, Universal Serial Bus Device Class Definition for Printing Devices version 1.1; Universal Serial Bus Mass Storage class Bulk-Only Transport Revision 1.0
Bit rate	12 Mbps
Data encoding	NRZI
Connector	USB Series B
Recommended cable length	6.6 feet (2 meters) or less

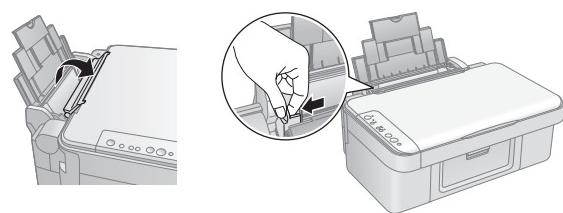
Safety Approvals

Safety standards	UL 60950, CSA C22.2 No. 60950
EMC	FCC part 15 subpart B class B CSA C108.8 class B
Noise level	45 dB

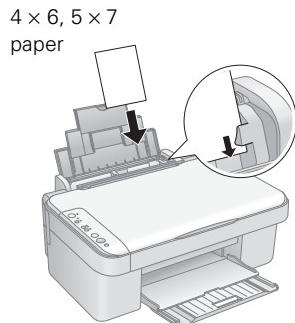
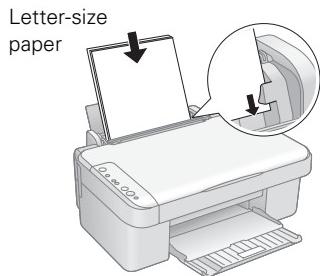
Loading Paper

Follow the steps here to load paper in your Epson Stylus CX.

1. Open the paper support and output tray, then slide out the extensions.
2. Flip the feeder guard forward. Then slide the left edge guide to the left.



3. Insert the paper, printable side up, against the right edge guide. Always load it short edge first, even for landscape printing.



Place paper beneath the tabs.

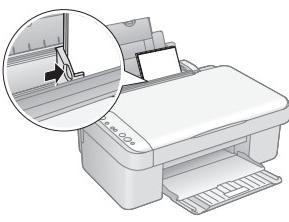
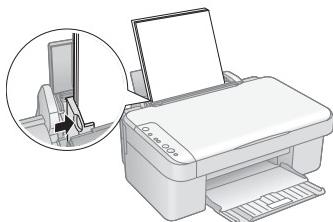
The paper's printable side is often whiter or brighter than the other side.

You can load up to 100 sheets of plain paper and up to 20 sheets of photo paper. (See the *User's Guide* for capacity guidelines on other paper types.)

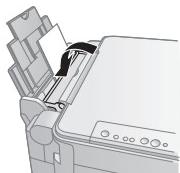
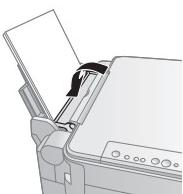
Note:

The type of paper you choose affects the way your printout looks, so be sure to select the correct paper for your job. If you are just making a copy or printing a rough draft of an image, plain paper is fine. However, for the best results, you'll want to use one of Epson's special ink jet papers designed for your printer. For example, your photos will look great printed on Epson Premium Glossy Photo Paper.

4. Slide the left edge guide against the left edge of the paper (but not too tightly).



5. Flip the feeder guard back.



Follow these guidelines when loading paper:

- Don't load paper above the arrow on the left edge guide. Make sure the paper is under the tabs on the left and right edge guides.
- Load the printable side face-up. It's often brighter or whiter than the other side.
- Always load the short edge first, even when printing in landscape mode.
- Load letterhead or preprinted paper into the printer top edge first.
- If you experience paper feeding problems, try loading fewer sheets.
- If you're using special paper, check the package for special loading instructions.

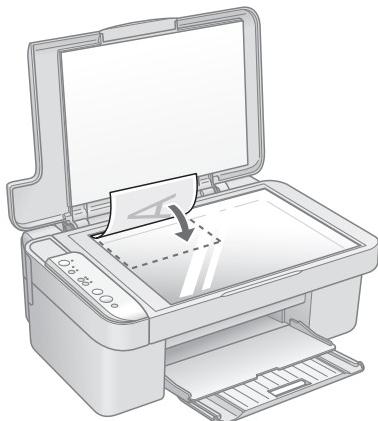
Selecting the Correct Paper Type

When printing from your computer, select the Type setting in your printer software according to these guidelines:

For this paper . . .	Select this Type or Media Type setting . . .
Plain paper Epson Premium Bright White Paper	Plain Paper / Bright White Paper
Epson Matte Paper Heavyweight Epson Double-Sided Matte Paper Epson Photo Quality Ink Jet Paper	Matte Paper - Heavyweight
Epson Ultra Premium Glossy Photo Paper	Ultra Premium Glossy Photo Paper
Epson Premium Glossy Photo Paper	Premium Glossy Photo Paper
Epson Premium Semigloss Photo Paper	Premium Semigloss Photo Paper
Epson Glossy Photo Paper	Glossy Photo Paper
Envelopes	Envelope

Placing Your Original Document

1. Open the document cover and place your original face-down on the glass, in the upper left corner. Move your original about 0.04 inch (1 mm) away from the top and left edges so all of it will be scanned.



2. Close the document cover gently so that your original does not move.

Caution:

Never open the document cover beyond where it stops and do not place heavy objects on top of the Epson Stylus CX.

Simple Copying

You can make simple copies using letter-size (8.5 × 11-inch) or 4 × 6-inch paper as described below. If you want to copy to a different size, you need to do it from your computer. See your on-screen *User's Guide* for instructions.

Copying a Letter-size Document

1. Make sure the Epson Stylus CX is turned on.
2. Place the document on the glass as described above. Be sure to close the document cover.
3. Load letter-size paper. (See page 3 for instructions.)
4. Press the paper size button to select Letter.
5. If you want your copies automatically reduced or enlarged to fit the loaded paper size, press the Fit to Page button.
6. To make a color copy, press the \diamond Start Color button.



To make a black and white copy, press the \diamond Start B&W button.

The \textcircled{O} On light flashes and after a moment the Epson Stylus CX starts printing.

If you need to stop copying at any time, just press the $\textcircled{\texttimes}$ Stop button. Do not pull out paper that is being printed; it will be ejected automatically to the output tray.

Note:

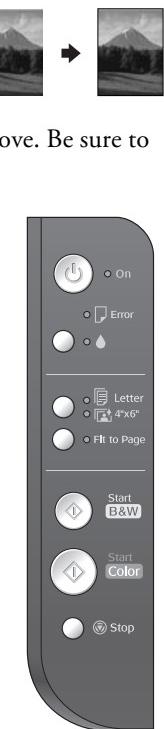
The copies may not be exactly the same size as the original.

Copying a Photo

1. Make sure the Epson Stylus CX is turned on.
2. Place the photo on the glass as described above. Be sure to close the document cover.
3. Load up to 20 sheets of 4 × 6-inch or letter-size (8.5 × 11-inch) photo paper. (See page 3 for instructions.)
4. Press the paper size button to select 4" x 6" or Letter.
5. If you want your photos printed without a white border, press the Fit to Page button. (Otherwise, they are printed with a 0.06-inch [1.5 mm] margin.)
6. To make a color copy, press the \diamond Start Color button.

To make a black and white copy, press the \diamond Start B&W button.

The \textcircled{O} On light flashes and after a moment the Epson Stylus CX starts printing.



If you need to stop copying at any time, just press the $\textcircled{\texttimes}$ Stop button. Do not pull out paper that is being printed; it will be ejected automatically to the output tray.

Note:

The copies may not be exactly the same size as the original.

Speeding Up Printing

If you want to make a copy quickly and do not need high quality, you can print a "draft" copy. The print quality is reduced, but the copy is printed faster.

When you are ready to copy, press and hold down the $\textcircled{\texttimes}$ Stop button, then press the \diamond Start Color button (to copy in color) or the \diamond Start B&W button (to copy in black and white). When the \textcircled{O} On light starts flashing, release both buttons.

Error Indicators

To diagnose some problems, check the control panel lights and the Copy window for these error conditions:

Light: status	Cause	Solution
□ Error: On	No paper is loaded in the sheet feeder.	Load paper in the sheet feeder (see page 3). Then press □ Start Color to continue or ○ Stop to cancel.
	Multiple pages have been fed into the sheet feeder.	Remove and reload the paper (see page 3). Then press □ Start Color to continue or ○ Stop to cancel.
□ Error: Flashing	Paper is jammed.	See the <i>User's Guide</i> .
▲ Ink: Flashing	An ink cartridge is running low on ink.	See "Replacing Ink Cartridges" on page 7.
▲ Ink: On	An ink cartridge is empty or not installed correctly.	See "Replacing Ink Cartridges" on page 7.
All lights: Flashing	There is a problem with the Epson Stylus CX.	Turn the Epson Stylus CX off and then back on. If the error does not clear, contact your local authorized servicer or contact Epson; see the <i>Quick Guide</i> .

Clearing a Paper Jam

If paper is jammed, the red □ Error light flashes. Follow these steps to clear the jam:

1. Press the □ Start Color button to eject the jammed paper. If the jammed paper is not ejected, go to the next step.
2. If the paper is stuck near the sheet feeder or output tray, gently pull it out.

If the paper is stuck inside the Epson Stylus CX, press the ○ On button to turn it off. Open the scanner and remove any paper inside, including any torn pieces. Do not pull it backward however; this can damage the sheet feeder. Close the scanner, then turn the Epson Stylus CX back on.

Cleaning the Print Head

If your printouts are unexpectedly light, colors are not correct, or dots or lines are missing, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly.

Checking the Print Head Nozzles and Ink

If your printouts are faint or have gaps in them, some of the nozzles in the print head may be clogged or ink may be running low in one or more of the ink cartridges. Follow the steps below to check the print head nozzles and remaining ink levels using the control panel.

1. Turn off the Epson Stylus CX.
2. Load letter-size paper in the sheet feeder.
3. Press the ▲ ink and ○ On buttons together and hold them down for about 3 seconds. The Epson Stylus CX turns on and prints a test pattern. It also shows the percentage of ink left in each cartridge.



Print head does not need to be cleaned yet



Print head needs to be cleaned

If the pattern does not look good, try cleaning the print head as described on the next page.

Note:

You can also check the ink level using Status Monitor 3; see the on-screen *User's Guide*.

Cleaning the Print Head

If your printouts are unexpectedly light or faint, or you notice light or dark bands across your printout, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Run a nozzle check as described above to see if the print head needs cleaning.

Note:

Print head cleaning uses ink, so clean it only if quality declines and the nozzle check indicates that the print head needs to be cleaned.

If the red ▲ ink light comes on or flashes, you cannot clean the print head. In this case, replace the appropriate ink cartridge first; see page 7.

1. Make sure the Epson Stylus CX is on and the ▲ ink light is off.
2. Hold down the ▲ ink button for 3 seconds until the ○ On light starts flashing. The Epson Stylus CX runs a head cleaning cycle and the ○ On light flashes.

Caution:

Never turn off the Epson Stylus CX while head cleaning is in progress. You may damage it.

3. When the ○ On light stops flashing, run a nozzle check (as described above) to verify that the print head is clean.

- If there are still gaps or lines, or the test patterns are faint, run another cleaning cycle and check the nozzles again.

Note:

If you don't see any improvement after cleaning the print head four or five times, turn off the Epson Stylus CX and wait overnight. This lets any dried ink soften. Then try cleaning the print head again. If quality still does not improve, one of the ink cartridges may be old or damaged and needs to be replaced.

Tip:

If you do not use your Epson Stylus CX often, it is a good idea to print a few pages at least once a month to maintain good print quality.

Replacing Ink Cartridges

When the red  ink light starts flashing, one or more cartridges are low on ink. When the red  ink light stays on, you need to replace the cartridge(s). You'll also see a message on your screen when you print, telling you which cartridge is low or empty.

You can purchase genuine Epson ink and paper from an authorized Epson reseller. To find the nearest reseller, please call 800-GO-EPSON (800-463-7766). To purchase online, visit www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for reseller referral. Use these part numbers when you order or purchase new ink cartridges.

Color	Part number
Black	T060120
Cyan	T060220
Magenta	T060320
Yellow	T060420

Caution:

Leave the empty cartridge installed until you have obtained a replacement, or the ink remaining in the print head nozzles may dry out. To ensure good results, use genuine Epson ink cartridges and do not refill them. Other products may cause damage to your Epson Stylus CX not covered by Epson's warranty.

Note:

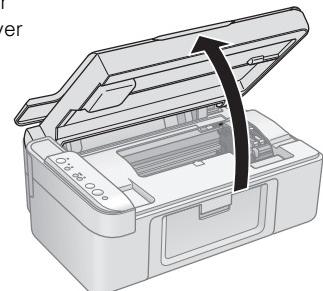
We recommend that you use genuine Epson cartridges. The use of other products may affect your print quality and could result in printer damage. See www.epson.com for more cartridge information. Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature. The printer ships with full ink cartridges and part of the ink from the first cartridges is used for priming the printer.

- Make sure the Epson Stylus CX is on.

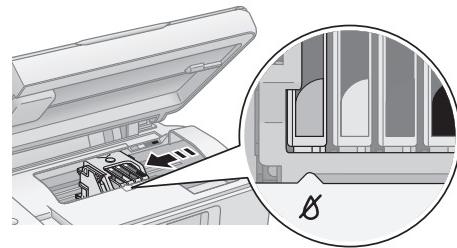
- Make sure that the document cover is closed, then open the scanner.

Caution:

Do not open the scanner when the document cover is open.



- Press and release the  ink button. The ink cartridge holder moves to the check position and the  On and  ink lights flash. If one of the cartridges is low or empty, the Epson Stylus CX moves that cartridge to the  ink out mark.

**Note:**

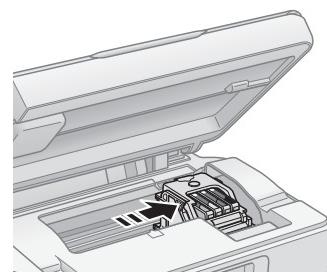
Don't hold down the  ink button for more than 3 seconds, or the printer will start to clean the print head.

Caution:

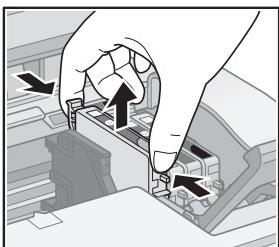
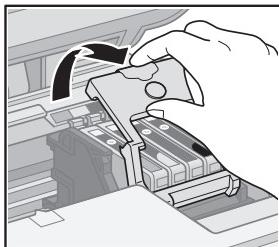
Don't move the print head by hand; this may damage the Epson Stylus CX. Always press the  ink button to move the print head.

- Press the  ink button again.

- If more than one cartridge is empty or low, the next cartridge moves to the  ink out mark.
- If all of the empty or low ink cartridges have been identified, the print head moves to the ink cartridge replacement position.



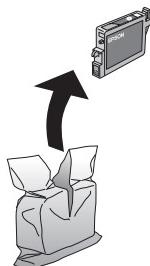
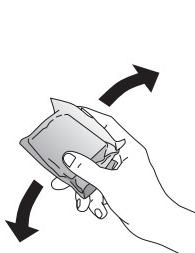
5. Open the cartridge cover and squeeze the tab at the back of the empty/low cartridge and lift it straight out. Dispose of it carefully. Do not take the used cartridge apart or try to refill it.



WARNING:

If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water.

6. Before you open the new ink cartridge package, shake it four or five times. Then remove it from the package.



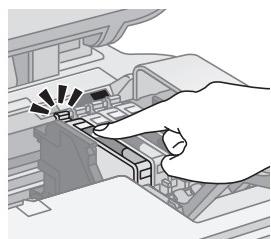
Caution:

Do not remove or tear the label on the cartridge; otherwise, ink will leak.

Do not touch the green chip on the side of the cartridge. This can damage the ink cartridge.

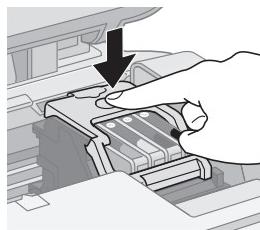


7. Place the new ink cartridge into the cartridge holder and push it down until it clicks into place.

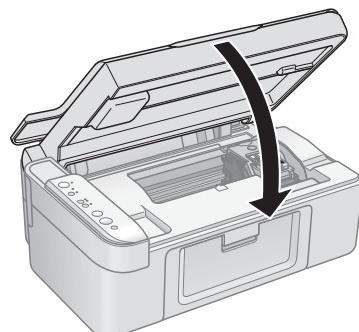


8. Replace any other cartridges that need to be replaced.

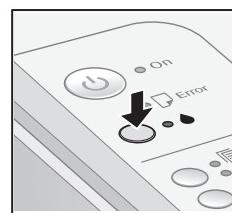
9. Close the ink cartridge cover and press it until it clicks into place.



10. Close the scanner.



11. Press the ink button. The Epson Stylus CX begins charging ink and the On light starts flashing. This takes about one minute. When it's finished, the On light stops flashing and remains on, and the ink light goes out.



Caution:

Never turn off the Epson Stylus CX while the On light is flashing or you'll waste ink.

Note:

If the ink light stays on (not flashing), the ink cartridge may not be installed correctly. Press the ink button again and reinstall the ink cartridge until it clicks into place.

Related Documentation

CPD-18248	Epson Stylus CX3800 Series <i>Start Here</i>
CPD-18250	Epson Stylus CX3800 Series <i>Quick Guide</i>
CPD-18247	Epson Stylus CX3800 Series CD-ROM (includes on-screen <i>User's Guide</i>)